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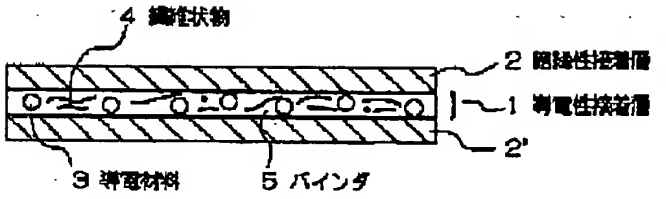
TITLE : CONNECTING MEMBER AND STRUCTURE AND METHOD FOR CONNECTING ELECTRODE USING IT



ABSTRACT : PROBLEM TO BE SOLVED: To make the positional deviations of electrodes hardly occur so as to absorb the warps and height fluctuation of the electrodes and leads even when the heights of the electrodes are high as compared with the widths of the electrodes by forming an insulating adhesive layer on one surface of an adhesive layer composed of a conductive material, an insulating fibrous material, and a binder.

SOLUTION: A multilayered connecting member is constituted by forming an insulating adhesive layer 2 on at least one surface of a conductive adhesive layer 1 which is composed of a conductive material 3, an insulating fibrous material 4, and a binder 5 and has a conductivity in the pressurizing direction. At the time of connecting electrodes, the connecting member is heated and pressurized while the material 4 is interposed between adjacent electrodes in each electrode row. Since the lengths of the fibers constituting the material 4 are longer than the distance between adjacent electrodes, the flowing out of the spaces of electrode projections is suppressed and the positional deviations of the electrodes hardly occur. In addition, since the strength of the connecting section is improved owing to the interposed fibrous material 4, the warps and height fluctuation of leads and electrodes can be absorbed easily. Therefore, the electrodes can be connected stably even when the heights of the electrodes are high as compared with the widths of the electrodes.